

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT (KDHE) GEOLOGY SECTION  
SPRING 2006 SEMINAR  
UNDERGROUND INJECTION CONTROL, UNDERGROUND HYDROCARBON SALT  
CAVERN STORAGE WELL AND WATER WELL PROGRAMS

**Where?** – Sedgwick County Extension Education Center, 7001 W. 21<sup>st</sup> Street North, Wichita, Kansas

**When?** – 7:30 a.m. to 4:45 p.m., Thursday, May 4, 2006

**Who Should Attend?** – Operators, managers, consultants, drillers, and other facility or company personnel responsible for or working with Class I, III, or V Underground Injection Control wells, Underground Hydrocarbon Storage wells or Water Wells.

*(A certificate of attendance will be provided upon conclusion of the seminar.)*

- **7:30 a.m. – 8:30 a.m. Registration, Coffee and Donuts.**
- **8:30 a.m. – 9:00 a.m. – Updates: Standard Operating Procedures, Class I Electronic monitoring, Class I financial assurance, Class I and Class III well activity, Class III & Class V regulation development, Recent KDHE adoption of GMD #2 water well regulation proposal, KDHE water well regulation concepts, Geology Section website.** (Mike Cochran, Chief of the Geology Section and Staff)
- **9:00 a.m. - 9:30 a.m. - Underground Hydrocarbon Storage Program Update.** (Cina Poyer, Underground Hydrocarbon Storage Unit Chief)
- **9:30 a.m. - 10:15 a.m. - Drilling, Construction and Abandonment of Cathodic Protection Boreholes in Kansas.** (Mike Dealy, Manager, Equus Beds Ground Water Management District #2)
- **10:15 a.m. - 10:30 a.m. - Break**
- **10:30 a.m. - 11:00 a.m. - New Challenges Facing EPA and Primacy States in the UIC Program.** (Pat Costello, EPA Region 7, Kansas UIC Program Coordinator)
- **11:00 a.m. - 11:30 a.m. - The Age of Electronic Reporting for UIC Wells Arrives.** (Kirk Hoeffner, UIC Unit Chief)
- **11:30 a.m. - 1 p.m. - Lunch on your own.**
- **1:00 p.m. – 1:30 p.m. - Plugging of Boreholes & Shafts in the Southeast Kansas Mining District.** (Murray Balk, KDHE Surface Mining Section)
- **1:30 p.m. – 2:45 p.m. - Hydrogeology of Kansas - Where are our Fresh Water Resources?** (Will Gilliland, Kansas Division of Water Resources, Kansas Department of Agriculture)
- **2:45 p.m. – 3:00 p.m. - Break**
- **3:00 p.m. - 3:45 p.m. - Global Climate Change - What's up? Hot or Cold Earth?** (Tom Hansen, Geologic Consultant)
- **3:45 p.m. – 4:15 p.m. - What is this monitoring or test data indicating? Houston – do we have a problem? Examples: Class I annulus seal pot fluid level data, Class III salt solution mining cavern dimension from sonar surveys, gamma ray log for Class III salt solution mining well, gamma-density log for hydrocarbon salt cavern storage well, water well completion data.** (Kirk, Richard, Mark)
- **4:15 p.m.- 4:30 p.m. - Hutchinson Sinkhole Update.** (Mike Cochran)
- **4:30 p.m. – 4:45 p.m. - Wrap up - Comments, Questions, Suggestions.**

*There are no fees for this Seminar*